

p27 Kip1 antibody

Cat. No. GTX100446

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr, IP
Reactivity	Human, Mouse, Rat

References (28)

 Review (1)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000
IP	1:100-1:500

Not tested in other applications.

Calculated MW 22 kDa. ([Note](#))**Product Note** IP/MS validation is based on published data (PMID: 30377371).

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.07 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human p27 Kip1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



For full product information, images and publications, please visit our [website](#).

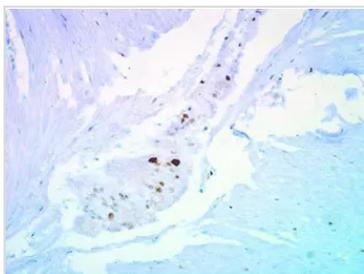
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

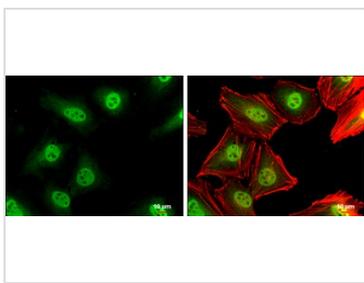
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DATA IMAGES



GTX100446 IHC-P Image

Immunohistochemical staining of human ulcerative colitis tissue using anti-p27 Kip1 antibody (GTX100446).



GTX100446 ICC/IF Image

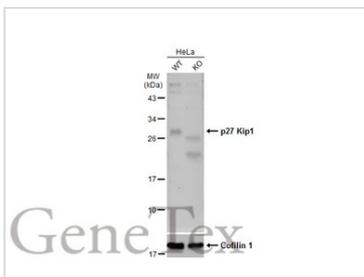
p27 Kip1 antibody detects p27 Kip1 protein at cytoplasm and nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: p27 Kip1 protein stained by p27 Kip1 antibody (GTX100446) diluted at 1:500.

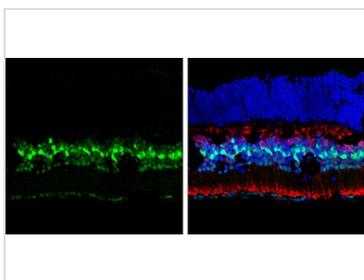
Red: phalloidin, a cytoskeleton marker, diluted at 1:200.

Scale bar = 10 μm.



GTX100446 WB Image

Wild-type (WT) and p27 Kip1 knockout (KO) HeLa cell extracts (30 μg) were separated by 12% SDS-PAGE, and the membrane was blotted with p27 Kip1 antibody (GTX100446) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident femto Western HRP Substrate.



GTX100446 IHC-Fr Image

p27 Kip1 antibody detects p27 Kip1 protein at nucleus by immunohistochemical analysis.

Sample: Frozen sectioned adult mouse retina.

Green: p27 Kip1 protein stained by p27 Kip1 antibody (GTX100446) diluted at 1:250.

Red: Protein kinase C alpha staining.

Blue: Fluoroshield with DAPI (GTX30920).



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